

XP-002084912

- 1/1 - (C) WPI / DERWENT
AN - 86-343148 q52!
AP - JP850096978 850508
PR - JP850096978 850508
TI - DNA fragment promoter - comprises 195 b.p. bam h1
fragment originating from nicotiana tabacum gene DNA
IW - DNA FRAGMENT PROMOTE COMPRISE P FRAGMENT ORIGIN
NICOTIANA TABACUM GENE DNA
PA - (MITU) MITSUBISHI CHEM IND LTD
- (MITS) MITSUBISHI CORP
PN - JP61257185 A 861114 DW8652 010pp
ORD - 1986-11-14
IC - C12N1/14 ; C12N5/00 ; C12N15/00 ; C12R1/86
FS - CPI
DC - B04 D16
AB - J61257185 (1)DNA fragment which has whole or a part of
base sequence shown in Fig. 1 or equal base sequence
with them, (2) DNA fragment is 195 b.p. Bam H1 fragment
originated from Nicotiana tabacum gene DNA (3) Vector
in which DNA fragment of (1) is inserted. (4) Vector in
which DNA fragment of (2) is inserted (5) Vector in
which heterogene is under transcription control of
promoter. (6) Vector in which heterogene is gene which
codes physiological activity having polypeptide.
- (7) Vector which has replication origin in host. (8)
Vector which is able to replication in yeast.
- (9) Vector which has replication origin of 2 microns
DNA. (10) Vector which has gene that can select in
host. (11) Vector which has gene that can select in
yeast. (12) Vector which has gene of URA 3 gene that
has selectivity. (13) Vector is plasmid vector. (14)
Vector is PTNB 3, PTNB 3-1, or PTNB 3-2. (15)
Transformed host by plasmid vector in which DNA
fragment (2) is inserted. (16) Host is yeast. (17) Host
is plant cell.
- USE/ADVANTAGE - Promoter activity of the DNA Fragment
in yeast shows far more large transaction frequency and
shortened generation time. From this fact, DNA fragment
shows strong promoter activity irrespective of the
direction in yeast cell. (10pp Dwg.No.1/4)